Application Switches
Multi-Gigabit L4-7 Application Delivery Solutions
FS’s Application Delivery Networking products feature ground-breaking, next generation platforms that provide unmatched power to dramatically improve Layer 4-7 traffic throughput, administrative ease of use, and provide more application aware traffic management.

Supports the Largest Sites and Heaviest Load
BIG-IP platforms feature extreme capacity for handling the heaviest traffic loads at both Layer 4 and Layer 7. FS solutions outpace every other product on the market in terms of key performance metrics in Layer 4, Layer 7, SSL processing, and HTTP compression—all running concurrently. These powerful platforms provide superior scalability for making in-depth Layer 7 decisions with extensive server and application acceleration capabilities for a high performance and unified network device.

Ground-Breaking Performance
FS delivers the industry’s fastest unified application delivery networking solution with an architecture that merges a high performance switching fabric with individual hardware optimizers. This gives you real-world performance at network speeds, enabling the successful and secure delivery of your applications.

Up to a 50% Increase in Layer 7 Performance
BIG-IP, with its TMOS architecture, delivers a unique set of optimization techniques to boost application performance across all platforms. Isolating client-side from server-side flows independently optimizes communication for each connecting device, translating communications between systems for greater infrastructure scalability and outstanding application performance.

Integrated Hardware Compression Offloads Server
FS’s 8800, 8400, 6800, and 6400 platforms offer an optional HTTP Compression ASIC that enables organizations to cost-effectively offload compression processing to the network while increasing server capacity. By migrating compression onto the network, administrators can realize up to a 20% improvement in server capacity, application performance (scales up to 6 Gbps), and application response times for users.

Heightened Security and Protection of Sensitive Content
The 6800 and 6400 BIG-IP platforms deliver unmatched scalability for FIPS processing to meet regulatory requirements specified in the FIPS 140-2 Level 2 and HIPAA standards. FS enhances SSL security using hardware to encrypt and decrypt both the keys and data, leading the market in SSL TPS and bulk encryption. All other platforms offer best-in-market SSL TPS and bulk encryption via an optional hardware optimizer.

Future Proofs the Network
All Gigabit architecture with Gigabit Ethernet ports (copper or fiber) future proofs the network to accommodate both the increasing demands of applications and increasing server capacity.

Easy to Manage for Reduced Cost of Ownership
Multi-boot support, warm upgrades, lights-out management, remote boot, superior system instrumentation, hard drive, and USB support reduces downtime, lowers TCO, and provides superior reliability for platform longevity. Selected platforms also offer hot-swappable components and redundant power supply and fans.
BIG-IP is available on six different platforms:

**8800 Series**
- Processor: Dual CPU, Dual Core (4 processors)
- Base Memory: 4GB
- ASIC Packet Velocity ASIC 10
- Gigabit Ethernet Ports: 12 (10/100 Ethernet)
- 10 Gigabit Fiber Ports: 2 (100/40 Ethernet)
- Included SSL/TPS/Max TPS/Bulk Crypto: 1200/22,000/50 Mbps
- Traffic Throughput: 10 Gbps - 100 Mbps
- Dimensions: 3.5” H x 17.25” W x 23.75” D (per unit)
- Weight: 41 lbs. (dual power)

**8400 Series**
- Processor: Dual CPU, Dual Core (4 processors)
- Base Memory: 2GB
- ASIC Packet Velocity ASIC 2
- Gigabit Ethernet Ports: 16
- Gigabit Fiber Ports: 2 (SFP pluggable optics)
- Included SSL/TPS/Max TPS/Bulk Crypto: 2 GB
- Traffic Throughput: 2 Gbps
- Dimensions: 3.5” H x 17.25” W x 23.75” D (per unit)
- Weight: 19 lbs.

**6800 Series**
- Processor: Dual CPU, Dual Core (4 processors)
- Base Memory: 2GB
- ASIC Packet Velocity ASIC 2
- Gigabit Ethernet Ports: 16
- Gigabit Fiber Ports: 2 (SFP pluggable optics)
- Included SSL/TPS/Max TPS/Bulk Crypto: 4 GB
- Traffic Throughput: 4 Gbps
- Dimensions: 3.5” H x 17.25” W x 23.75” D (per unit)
- Weight: 10 lbs.

**6400 Series**
- Processor: Dual CPU, Dual Core (4 processors)
- Base Memory: 2GB
- ASIC Packet Velocity ASIC 2
- Gigabit Ethernet Ports: 16
- Gigabit Fiber Ports: 2 (SFP pluggable optics)
- Included SSL/TPS/Max TPS/Bulk Crypto: 4 GB
- Traffic Throughput: 4 Gbps
- Dimensions: 3.5” H x 17.25” W x 23.75” D (per unit)
- Weight: 10 lbs.

**3410/3400 Series**
- Processor: Single CPU
- Base Memory: 1GB
- ASIC Packet Velocity ASIC 2
- Gigabit Ethernet Ports: 16
- Gigabit Fiber Ports: 2 (SFP pluggable optics)
- Included SSL/TPS/Max TPS/Bulk Crypto: 1 Gbps
- Traffic Throughput: 1 Gbps
- Dimensions: 3.5” H x 17.25” W x 23.75” D (per unit)
- Weight: 7 lbs.

**1500 Series**
- Processor: Single CPU
- Base Memory: 768 MB
- ASIC None
- Gigabit Ethernet Ports: 4
- Gigabit Fiber Ports: 2 (SFP-GBC Mini)
- Included SSL/TPS/Max TPS/Bulk Crypto: 100/200/1500 Mbps
- Traffic Throughput: 150 Mbps
- Dimensions: 7.5” H x 22” (410/420/250) birg mounting ears x 1.75” (1U)
- Weight: 30 lbs.

*All specifications subject to change without notice.*
Application Switches

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